

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S84	39	345/611.ccls. and ((opacity or transparen\$3) same (pixel and (object or character or polygon)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/31 14:58
S83	14	345/611.ccls. and ((opacity or transparen\$3) same boundar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/31 14:58
S71	2	"winding count" near7 (multipl\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/31 14:58
L17	46	345/611.ccls. and ((opacity or transparen\$3) same (pixel and (object or character or polygon)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/31 14:58
L16	16	345/611.ccls. and ((opacity or transparen\$3) same boundar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/31 14:58
L15	2	"winding count" near7 (multipl\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/31 14:58
L12	4	345/592.ccls. and (total near3 opacity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/31 14:58
S73	3	345/592.ccls. and (total near3 opacity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/31 14:57
S72	1	"winding count" near7 opacity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/31 14:57
S70	7	"intrinsic opacity"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/31 14:57

S67	1	382/199.ccls. and ((transpar\$4 or opac\$3) near7 pixel) same boundar\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/31 14:57
S66	0	382/199.ccls. and (opacity or transparen\$3 or translucen\$3) and (winding adj count)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/31 14:57
L14	1	"winding count" near7 opacity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/31 14:57
L13	7	"intrinsic opacity"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/31 14:57
L11	1	382/199.ccls. and ((transpar\$4 or opac\$3) near7 pixel) same boundar\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/31 14:57
L10	0	382/199.ccls. and (opacity or transparen\$3 or translucen\$3) and (winding adj count)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/31 14:57
S56	105	winding adj counts	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/31 14:56
L9	114	winding adj counts	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/31 14:56
S54	5	345/441.ccls. and ((transpar\$4 or opac\$3) near7 pixel) same boundar\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/31 14:55
S52	0	345/629.ccls. and (intrinsic near5 (transpar\$4 or opac\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/31 14:55
S49	177	345/592.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/31 14:55
L8	195	345/592.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/31 14:55
L7	6	345/441.ccls. and ((transpar\$4 or opac\$3) near7 pixel) same boundar\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/31 14:55

L6	0	345/629.ccls. and ((intrinsic near5 (transpar\$4 or opac\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/31 14:55
S51	10	345/629.ccls. and ((transpar\$4 or opac\$3) near7 pixel) same boundar\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/31 14:39
L5	11	345/629.ccls. and ((transpar\$4 or opac\$3) near7 pixel) same boundar\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/31 14:39
S12	41	345/470.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/31 13:48
S2	1	doan-Khanh-phi-van.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/31 13:48
S1	1	doan-Khanh.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/31 13:48
L4	50	345/470.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/31 13:48
L3	4	doan-Khanh-phi-van.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/31 13:48
L2	2	doan-Khanh.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/31 13:48
S87	285	S86 and pixel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/03 10:01
S86	2766	(alpha or opacity) near3 (character)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/03 10:01
S85	1	(overall near3 opacity) near5 (object or polygon or character)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/03 10:01

S82	146	S80 and opacity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/03 09:46
S81	0	S80 and "345"/\$.ccls	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/03 09:45
S80	4821	"(1-alpha)"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/03 09:45
S79	16974	"(1-a)"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/03 09:45
S78	7	(total near3 alpha) near3 (object or character or polygon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/03 09:45
S75	2	(total near3 opacity) near5 object	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/03 09:43
S77	0	(total near3 opacity) near5 (character)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/03 09:30
S76	0	(total near3 opacity) near5 (polygon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/03 09:30
S74	0	(total near3 opacity) near7 minus	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/03 09:30
S69	3	(boundary near5 pixel) and ("real opacity" or "intrinsic opacity")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:44

S68	0	382/199.ccls. and (winding adj count)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:42
S35	0	382/199.ccls. and (winding adj count)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:42
S31	3	((scan adj conversion) and (alpha)) and (winding adj count)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:42
S65	1	345/441.ccls. and (opacity or transparen\$3 or translucen\$3) and (winding adj count)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 08:41
S64	1	345/592.ccls. and (opacity or transparen\$3 or translucen\$3) and (winding adj count)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 08:41
S63	2	345/629.ccls. and (opacity or transparen\$3 or translucen\$3) and (winding adj count)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 08:41
S23	2	345/629.ccls. and (opacity or transparen\$3 or translucen\$3) and (winding adj count)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 08:40
S62	34	345/629.ccls. and (scan adj conver\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:36
S61	77	345/441.ccls. and (scan adj conver\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:36
S60	13	345/592.ccls. and (scan adj conver\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:36
S59	0	345/629.ccls. and (scan adj conver)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:36
S58	0	345/441.ccls. and (scan adj conver)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:36

S57	0	345/592.ccls. and (scan adj conver)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:35
S17	0	345/592.ccls. and (scan adj conver)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:35
S13	98	winding adj counts	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:34
S55	48	345/470.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:28
S53	897	345/441.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:23
S10	839	345/441.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:17
S48	891	345/629.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 08:02
S16	156	345/592.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/03 08:02
S9	791	345/629.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 08:02
S47	3	doan-Khanh-phi-van.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:01
S46	2	doan-Khanh.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:01
S39	0	((US-6084596-\$ or US-5428744-\$ or US-5493640-\$ or US-5371843-\$ or US-5073960-\$ or US-5043711-\$ or US-6437793-\$ or US-5065342-\$ or US-5450534-\$ or US-5438656-\$ or US-6614447-\$ or US-5499323-\$ or US-5471568-\$).did.) and (constant near7 wind\$3)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/09/15 09:39

S38	0	((US-6084596-\$ or US-5428744-\$ or US-5493640-\$ or US-5371843-\$ or US-5073960-\$ or US-5043711-\$ or US-6437793-\$ or US-5065342-\$ or US-5450534-\$ or US-5438656-\$ or US-6614447-\$ or US-5499323-\$ or US-5471568-\$).did.) and (constant near5 count)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/09/15 09:39
S37	13	(US-6084596-\$ or US-5428744-\$ or US-5493640-\$ or US-5371843-\$ or US-5073960-\$ or US-5043711-\$ or US-6437793-\$ or US-5065342-\$ or US-5450534-\$ or US-5438656-\$ or US-6614447-\$ or US-5499323-\$ or US-5471568-\$).did.	USPAT	OR	OFF	2004/09/15 09:35
S36	2	382/199.ccls. and (opacity or transparen\$4 or translucen\$4) and (scan adj conver\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/14 15:21
S11	1167	382/199.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/14 15:20
S34	94	((scan adj conversion) and (alpha)) and (scan near3 direction)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/14 15:15
S33	25	((scan adj conversion) and (alpha)) and (path near5 direction)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/14 15:14
S32	14	((scan adj conversion) and (alpha)) and (scan near3 path)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/14 15:12
S30	489	(scan adj conversion) and (alpha)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/14 15:11
S29	2	345/629.ccls. and (alpha) and (winding adj count)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/14 15:11
S19	142	(scan adj conversion) and (opacity or transparen or translucen)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/14 15:11

S28	1	((US-6084596-\$ or US-5428744-\$ or US-5493640-\$ or US-5043711-\$ or US-5371843-\$ or US-5073960-\$ or US-5450534-\$ or US-5438656-\$ or US-6437793-\$ or US-5065342-\$). did.) and (alpha)	US-PGPUB; USPAT; DERWENT	OR	ON	2004/09/14 15:10
S22	2	((US-6084596-\$ or US-5428744-\$ or US-5493640-\$ or US-5043711-\$ or US-5371843-\$ or US-5073960-\$ or US-5450534-\$ or US-5438656-\$ or US-6437793-\$ or US-5065342-\$). did.) and (opacity or transparen\$3)	US-PGPUB; USPAT; DERWENT	OR	ON	2004/09/14 15:10
S27	13	345/592.ccls. and (scan adj conver\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/14 15:09
S26	1	345/592.ccls. and (winding adj count)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/14 15:09
S25	24	345/441.ccls. and (opacity)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/14 15:08
S24	2	345/441.ccls. and (winding adj count)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/14 15:08
S21	47	345/441.ccls. and (scan adj conver\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/14 15:07
S20	2	345/629.ccls. and (winding adj count)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/14 15:06
S18	1	345/592.ccls. and (winding adj count)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/14 14:37
S15	10	(US-6084596-\$ or US-5428744-\$ or US-5493640-\$ or US-5043711-\$ or US-5371843-\$ or US-5073960-\$ or US-5450534-\$ or US-5438656-\$ or US-6437793-\$ or US-5065342-\$). did.	USPAT	OR	OFF	2004/09/14 13:10
S14	11	("4901251"   "5043711"   "5115402"   "5231695"   "5347619"   "5361333"   "5438656"   "5450534"   "5831622"   "6034694"   "6084596"   "2003/0016221").PN.	USPAT	OR	OFF	2004/09/14 11:15



S5	2	"5493640".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/14 08:33
S8	5	("4364037"   "4554538"   "4646076"   "4677574"   "4815009").PN.	USPAT	OR	OFF	2004/09/14 08:32
S7	7	("4763119"   "4815009"   "4998211"   "5038385"   "5043711"   "5073960"   "5371843").PN.	USPAT	OR	OFF	2004/09/14 08:30
S6	2	"4628359".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/14 08:28
S4	2	"5428744".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/14 08:26
S3	2	"6084596".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/14 08:25